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### **Education:**

Ph.D. 2005 Northwestern University *Evanston, Illinois*; Inorganic Chemistry  
B.S. 1998 State University of New York at Albany, *Albany, New York*; Chemistry

### **Professional Experience:**

Postdoctoral Fellow 2005-present Argonne National Laboratory  
Graduate Assistant 1999-2005 Northwestern University  
Technician 1998-1999 Michigan State University  
Undergraduate Research Student 1996-1998 State University of New York at Albany

### **Honors and Awards:**

2002	Elected as an Associate Member to Sigma Xi.
1999	John and Fannie Hertz Graduate Fellowship National Science Foundation Graduate Fellowship Honorable Mention. American Institute of Chemists Foundation Student award.
1998	National Science Foundation Research Experience for Undergraduates Scholarship
1997	Barry M. Goldwater Scholar State University of New York Chancellor's Award for Academic Excellence
1995	CRC Press Freshman Chemistry Award
1995	Robert C. Byrd Scholar State of New York. University Honors Scholarship State University of New York at Albany.

### **Publications:**

- 2005** Finney, L.A., Tobin, D.A., Singer, C. P., Outten, C.E., Penner-Hahn, J.E., and O'Halloran, T.V. **Coordination Chemistry of a Metal Binding Domain in the *E. coli* Zinc Transport Protein, ZntA** *Biochemistry, In preparation.*
- 2003** Finney, L.A., O'Halloran, T.V. **Transition Metal Speciation in the Cell: Insights from the Chemistry of Metal Ion Receptors** *Science* 2003, *300*, 931-936.
- Wernimont, A.K., Huffman, D.L., Finney, L.A., Demeler, B., O'Halloran, T.V., Rosenzweig, A.C. **Crystal structure and dimerization equilibria of PcoC, a**

- methionine rich copper resistance protein from *Escherichia coli*.** J. Biol. Inorg. Chem. 2003, 8, 185-194.
- 2002** Banci, L. Bertini, I., Ciofi-Baffoni, S., Finney, L. A., Outten, C. E., and O'Halloran, T. V. **A new zinc protein coordination site in an intracellular metal-trafficking protein: Solution structure of the apo and Zn(II) forms of ZntA(46-118).** J. Mol. Biol., 2002, 323, 883-897.
- Huffmann, D. L., Huyett, J., Outten, F. W., Doan, P. E., Finney, L. A., Hoffman, B. W., and O'Halloran, T. V. **Spectroscopy of Cu(II)-PcoC and the multicopper oxidase function of PcoA, Two Essential components of *Escherichia coli pco* copper resistance operon.** Biochemistry, 41, (31), pp 10046 – 10055.

## POSTERS AND PRESENTATIONS

- 2004** **Gordon Research Conference: Graduate Research Seminar: Bioinorganic Chemistry.** January 22-25, 2004. Ventura, CA. "The Chemical Secrets of Metal Trafficking Proteins". **Presentation.**
- 2003** **17<sup>th</sup> Symposium of the Protein Society: Pathways to Human Health.** July 26-30, 2003. Boston, MA. "Transition Metal Selectivity: An Emerging Role for Protein-Protein Interactions". Finney, L.A. and O'Halloran, T.V. **Poster.**
- 2<sup>nd</sup> Annual Midwest Metals Meeting.** May 16-18, 2003. Washington University, St. Louis, MO. "Novel Biological Coordination Chemistry: The Chemical Secrets of Metal Trafficking Proteins". Finney, L.A. and O'Halloran T.V. **Poster.**
- 2001** **10<sup>th</sup> International Conference on Bioinorganic Chemistry.** August 26-31, 2001. University of Florence, Florence, Italy. "Unraveling the Mechanism of the Copper Chaperones: What Rules Govern Copper Trafficking in the Cell?". Finney, L.A. and O'Halloran, T.V. **Poster**